

## Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

05/19/2004

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
CAPITL	50.51	40.94	32.36	31.77	32.49	42.69	54.65	67.59	71.10	73.54	75.76	76.50	77.77	77.15	76.35	76.20	75.98	75.32	74.84	73.53	75.59	68.37	63.50	56.30
61757	3.14	2.68	2.04	2.00	2.03	2.73	3.29	2.80	3.68	3.64	4.23	4.37	4.70	4.65	4.57	4.52	4.30	4.08	3.88	3.63	4.35	3.31	3.18	3.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CENTRL	45.92	36.89	29.33	28.87	29.52	38.80	50.28	64.32	66.72	69.28	71.30	71.94	72.72	72.21	71.39	71.32	71.24	70.30	69.71	68.49	70.41	64.46	59.57	51.03
61754	-1.45	-1.37	-0.99	-0.90	-0.94	-1.16	-1.08	-0.47	-0.70	-0.62	-0.23	-0.19	-0.35	-0.29	-0.39	-0.36	-0.44	-0.94	-1.25	-1.41	-0.83	-0.60	-0.75	-1.62
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DUNWOD	50.21	40.75	32.20	31.62	32.23	42.36	54.39	68.16	71.87	74.79	77.40	77.97	79.43	78.81	78.10	77.99	77.99	77.01	76.42	74.72	76.80	69.42	64.18	56.34
61760	2.84	2.49	1.88	1.85	1.77	2.40	3.03	3.37	4.45	4.89	5.87	5.84	6.36	6.31	6.32	6.31	6.31	5.77	5.46	4.82	5.56	4.36	3.86	3.69
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GENESE	45.82	36.52	29.26	28.76	29.42	38.49	49.82	64.06	66.46	69.13	71.44	72.03	72.69	72.17	71.34	71.36	71.19	69.97	69.14	67.88	69.98	64.42	59.28	50.53
61753	-1.55	-1.74	-1.06	-1.01	-1.04	-1.47	-1.54	-0.73	-0.96	-0.77	-0.09	-0.10	-0.38	-0.33	-0.44	-0.32	-0.49	-1.27	-1.82	-2.02	-1.26	-0.64	-1.04	-2.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H Q	43.32	38.03	30.14	29.59	30.34	39.72	51.26	64.66	67.02	69.34	70.46	71.05	71.83	71.27	70.56	70.46	70.46	70.46	70.46	69.69	70.46	64.60	61.15	50.93
61844	-0.28	-0.23	-0.18	-0.18	-0.12	-0.24	-0.10	-0.13	-0.40	-0.56	-1.07	-1.08	-1.24	-1.23	-1.22	-1.22	-1.22	-0.78	-0.50	-0.21	-0.78	-0.46	-0.54	-0.42
	3.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.37	1.30
HUD VL	49.30	40.02	31.62	31.02	31.65	41.59	53.37	66.77	70.32	73.25	75.78	76.37	77.79	77.13	76.43	76.36	76.39	75.48	74.92	73.33	75.30	67.97	62.80	55.25
61758	1.93	1.76	1.30	1.25	1.19	1.63	2.01	1.98	2.90	3.35	4.25	4.24	4.72	4.63	4.65	4.68	4.71	4.24	3.96	3.43	4.06	2.91	2.48	2.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LONGIL	53.94	44.80	33.89	32.41	52.50	53.76	56.95	69.00	73.21	76.52	80.66	81.30	81.31	81.75	82.21	83.36	84.36	83.32	81.77	81.24	82.23	79.28	67.15	58.18
61762	4.09	3.51	2.69	2.63	2.56	3.42	4.26	4.21	5.79	6.25	7.09	7.14	7.68	7.52	7.47	7.50	7.64	6.99	6.72	6.08	6.86	5.46	4.90	4.70
	-2.48	-3.03	-0.88	-0.01	-19.48	-10.38	-1.33	0.00	0.00	-0.37	-2.04	-2.03	-0.56	-1.73	-2.96	-4.18	-5.04	-5.09	-4.09	-5.26	-4.13	-8.76	-1.93	-0.83
MHK VL	47.42	38.19	30.26	29.71	30.42	40.00	51.81	65.37	67.96	70.51	72.43	72.94	73.72	73.17	72.46	72.32	72.30	71.75	71.51	70.42	71.93	65.60	60.69	52.79
61756	0.05	-0.07	-0.06	-0.06	-0.04	0.04	0.45	0.58	0.54	0.61	0.90	0.81	0.65	0.67	0.68	0.64	0.62	0.51	0.55	0.52	0.69	0.54	0.37	0.14
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MILLWD	49.50	40.19	31.75	31.14	31.77	41.76	53.57	67.06	70.62	73.57	76.07	76.63	78.07	77.46	76.77	76.69	76.73	75.79	75.18	73.57	75.58	68.28	63.18	55.52
61759	2.13	1.93	1.43	1.37	1.31	1.80	2.21	2.27	3.20	3.67	4.54	4.50	5.00	4.96	4.99	5.01	5.05	4.55	4.22	3.67	4.34	3.22	2.86	2.87
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N.Y.C.	50.83	41.24	32.58	31.96	32.59	42.85	55.09	71.58	77.38	81.55	84.46	84.89	85.66	85.33	84.94	85.65	85.01	84.11	81.45	78.63	79.93	74.03	69.09	57.18
61761	3.46	2.98	2.26	2.19	2.13	2.89	3.73	4.21	5.30	5.86	6.86	6.81	7.35	7.24	7.21	7.31	7.34	6.79	6.40	5.75	6.51	5.14	4.67	4.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.58	-4.66	-5.79	-6.07	-5.95	-5.24	-5.59	-5.95	-6.66	-5.99	-6.08	-4.09	-2.98	-2.18	-3.83	-4.10	-0.19
NORTH	46.28	37.40	29.63	29.07	29.88	39.08	50.60	63.66	65.62	67.79	68.94	69.51	70.09	69.53	68.86	68.67	68.68	68.84	69.38	68.79	69.29	63.43	58.45	51.12
61755	-1.09	-0.86	-0.69	-0.70	-0.58	-0.88	-0.76	-1.13	-1.80	-2.11	-2.59	-2.62	-2.98	-2.97	-2.92	-3.01	-3.00	-2.40	-1.58	-1.11	-1.95	-1.63	-1.87	-1.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPX	46.21	40.48	32.02	31.41	32.11	42.20	53.88	67.12	70.52	73.26	75.54	76.24	77.53	76.92	76.16	76.05	75.98	75.16	74.65	73.19	75.16	67.99	64.46	54.40
61845	2.61	2.22	1.70	1.64	1.65	2.24	2.52	2.33	3.10	3.36	4.01	4.11	4.46	4.42	4.38	4.37	4.30	3.92	3.69	3.29	2.93	2.77	3.05	
	3.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.37	1.30	

H 61846	39.10 <span>-4.50</span> <span>3.77</span>	33.97 <span>-4.29</span> <span>0.00</span>	27.26 <span>-3.06</span> <span>0.00</span>	26.79 <span>-2.98</span> <span>0.00</span>	27.41 <span>-3.05</span> <span>0.00</span>	35.76 <span>-4.20</span> <span>0.00</span>	45.45 <span>-5.91</span> <span>0.00</span>	59.93 <span>-4.86</span> <span>0.00</span>	61.62 <span>-5.80</span> <span>0.00</span>	64.17 <span>-5.73</span> <span>0.00</span>	66.45 <span>-5.08</span> <span>0.00</span>	66.86 <span>-5.27</span> <span>0.00</span>	67.30 <span>-5.77</span> <span>0.00</span>	66.92 <span>-5.58</span> <span>0.00</span>	66.18 <span>-5.60</span> <span>0.00</span>	66.30 <span>-5.38</span> <span>0.00</span>	66.23 <span>-5.45</span> <span>0.00</span>	64.90 <span>-6.34</span> <span>0.00</span>	64.01 <span>-6.95</span> <span>0.00</span>	62.77 <span>-7.13</span> <span>0.00</span>	64.83 <span>-6.41</span> <span>0.00</span>	59.99 <span>-5.07</span> <span>0.00</span>	56.50 <span>-5.19</span> <span>-1.37</span>	45.14 <span>-6.21</span> <span>1.30</span>
PJM 61847	40.00 <span>-3.60</span> <span>3.77</span>	34.28 <span>-3.98</span> <span>0.00</span>	27.50 <span>-2.82</span> <span>0.00</span>	27.03 <span>-2.74</span> <span>0.00</span>	27.66 <span>-2.80</span> <span>0.00</span>	36.48 <span>-3.48</span> <span>0.00</span>	48.59 <span>-2.77</span> <span>0.00</span>	64.21 <span>-0.58</span> <span>0.00</span>	66.48 <span>-0.94</span> <span>0.00</span>	69.41 <span>-0.49</span> <span>0.00</span>	72.32 <span>0.79</span> <span>0.00</span>	73.00 <span>0.87</span> <span>0.00</span>	73.00 <span>-0.07</span> <span>0.00</span>	72.50 <span>0.00</span> <span>0.00</span>	72.00 <span>0.22</span> <span>0.00</span>	72.90 <span>1.22</span> <span>0.00</span>	73.04 <span>1.36</span> <span>0.00</span>	70.88 <span>-0.36</span> <span>0.00</span>	69.40 <span>-1.56</span> <span>0.00</span>	67.87 <span>-2.03</span> <span>0.00</span>	70.81 <span>-0.43</span> <span>0.00</span>	64.99 <span>-0.07</span> <span>0.00</span>	60.00 <span>-1.69</span> <span>-1.37</span>	46.93 <span>-4.42</span> <span>1.30</span>
WEST 61752	43.20 <span>-4.17</span> <span>0.00</span>	34.15 <span>-4.11</span> <span>0.00</span>	27.43 <span>-2.89</span> <span>0.00</span>	26.97 <span>-2.80</span> <span>0.00</span>	27.59 <span>-2.87</span> <span>0.00</span>	36.03 <span>-3.93</span> <span>0.00</span>	46.22 <span>-5.14</span> <span>0.00</span>	61.33 <span>-3.46</span> <span>0.00</span>	63.19 <span>-4.23</span> <span>0.00</span>	65.90 <span>-4.00</span> <span>0.00</span>	68.35 <span>-3.18</span> <span>0.00</span>	68.85 <span>-3.28</span> <span>0.00</span>	69.16 <span>-3.91</span> <span>0.00</span>	68.76 <span>-3.74</span> <span>0.00</span>	68.06 <span>-3.72</span> <span>0.00</span>	68.33 <span>-3.35</span> <span>0.00</span>	68.29 <span>-3.39</span> <span>0.00</span>	66.73 <span>-4.51</span> <span>0.00</span>	65.62 <span>-5.34</span> <span>0.00</span>	64.31 <span>-5.59</span> <span>0.00</span>	66.65 <span>-4.59</span> <span>0.00</span>	61.51 <span>-3.55</span> <span>0.00</span>	56.26 <span>-4.06</span> <span>0.00</span>	46.91 <span>-5.74</span> <span>0.00</span>